CLAIMS

1. Aqueous mixture comprising					
5		A)	at least one alkoxylate of the formula (I)		
			R ¹ -O-(CH ₂ -CHR ² -O) _n -CH ₂ -CH ₂ -OH or its phosphoric ester,		
			wherein		
			R ¹ is a linear or branched C ₆ -C ₁₉ -alkyl radical,		
			R ² is hydrogen, methyl or ethyl, and		
10			n has an average value of 3 to 11;		
		B)	at least one hydroxy carboxylic acid in simple form or as a polyoligo		
			hydroxy carboxylic acid or salts thereof or a polyacrylate or a		
			phosphonate or salts thereof or any mixtures therefrom,		
		C)	an aromatic sulphonation or sulphination or sulphation product or salts		
15			thereof		

20 2. Mixture according to Claim 1 wherein

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- R¹ is a linear or branched C₈-C₁₅-alkyl radical,
- R² is hydrogen or methyl,

and also optionally further additives.

n has an average value of 5 to 9;

an alkaline earth metal salt,

- B is citric acid or sodium gluconate or an α-hydroxy polyacrylate or ATMP, HEDP, DTPMPA, EDTMPA or PBTC or salts of these phosphonates or any mixture therefrom,
- C is cumenesulphonic acid or naphthalenesulphonic acid or an alkali metal/ammonium salts thereof, and
- D is magnesium chloride, magnesium sulphate, calcium chloride or calcium sulphate.

	3.	Mixture according to Claim 1 or 2 wherein					
		R^1	is a linear or branched C ₁₂ -C ₁₅ -alkyl radical,				
		R ²	is hydrogen or methyl,				
		n	has an average value of 6 or 7; and				
5		В	is citric acid or sodium gluconate or DTPMPA or any mixture				
		_	therefrom,				
		С	is cumenesulphonic acid or an alkali metal/ammonium salt thereof, and				
		. D					
10		D	is magnesium chloride or magnesium sulphate.				
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•	4.	Mixture according to Claim 3 wherein					
		В	is a mixture of citric acid and sodium gluconate,				
		C	is sodium cumenesulphonate, and				
15		D	is magnesium chloride.				
	5.	Mixture a	cording to Claim 1 comprising two different alleged to Cut. C. 1				
	٥.	(I),	cording to Claim 1 comprising two different alkoxylates of the formula				
			wherein				
20		,	R ¹ is a branched C ₆ -C ₁₄ -alkyl radical,				
			R ² is hydrogen, methyl or ethyl, and				
			n has an average value of 3 to 11;				
		and					
		A2)	wherein				
25		ŕ	R ¹ is a linear or branched C ₈ -C ₁₉ -alkyl radical,				
			R ² is hydrogen, methyl or ethyl, and				
			n has an average value of 3 to 10,				
		and	wherein B) to D) are defined as mentioned.				

	6.	6. Mixture according to Claim 5 wherein in					
		A1)	\mathbb{R}^1	is a branched C ₈ -C ₁₂ -alkyl radical,			
			R^2	is hydrogen or methyl, and			
			n	has an average value of 5 to 9;			
5		and i	-				
		A2)	R^1	is a linear or branched C ₁₀ -C ₁₇ -alkyl radical,			
			R^2	is hydrogen or methyl,			
			n	has an average value of 4 to 8,			
		and					
10		В	is cit	tric acid or sodium gluconate or an α-hydroxy polyacrylate or			
			ATMP, HEDP, DTPMPA, EDTMPA or PBTC or salts of these				
			phos	phonates or any mixture therefrom,			
		· C	is cu	menesulphonic acid or naphthalenesulphonic acid or an alkali			
			meta	al/ammonium salts thereof, and			
15		D	is m	agnesium chloride, magnesium sulphate, calcium chloride or			
			calci	um sulphate.			
	•						
	7.		_	ng to Claim 5 or 6 wherein			
20		A1)		is a branched C ₁₀ -alkyl radical,			
			R ²	is hydrogen, and			
			n	has an average value of 7;			
		and i	_				
		A2)	R ¹	is a linear or branched C ₁₂ -C ₁₅ -alkyl radical,			
25			R ²	is hydrogen,			
			n	has an average value of 6,			
		and					
		В	is cit	ric acid or sodium gluconate or DTPMPA or any mixture			
			there	efrom,			
30		С	is cu	menesulphonic acid or an alkali metal/ammonium salt thereof,			
			and				
		D	is m	agnesium chloride or magnesium sulphate.			

- 8. Mixture according to Claim 5 or 6 wherein
 - A1) is an alkoxylate of a linear or branched C₁₀-alcohol or mixtures thereof having on average 8 ethylene oxide units and 1 propylene oxide unit,

and

A2) is an alkoxylate of a linear or branched C₁₂-C₁₅-alcohol having on average 7 ethylene oxide units,

and

B is a mixture of citric acid and sodium gluconate,

C is sodium cumenesulphonate, and

D is magnesium chloride.

- 15 9. Mixture according to Claim 7 wherein
 - B is a mixture of citric acid and sodium gluconate,
 - C is sodium cumenesulphonate, and
 - D is magnesium chloride.
- 20 10. Mixture according to any one of Claims 1 to 9 wherein said component A or the sum total of A1 and A2 has a concentration of 1% to 40% by weight, said component B has a concentration of 1% to 20% by weight, said components C and D each have a concentration of 0.1% to 10% by weight, based on the entire aqueous mixture.

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11. Mixture according to any one of Claims 1 to 10 wherein the concentration of component A or of the sum total of A1 and A2 is 7% to 20% by weight, of component B is 2% to 10% by weight and of components C and D is in each case 0.4% to 5% by weight.

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12. Mixture according to any one of Claims 1 to 11 wherein the concentration of component A or of the sum total of A1 and A2 is 14% to 20% by weight, of component B is 3% to 8% by weight and of components C and D is in each case

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0.6% to 2.5% by weight.

- 13. Mixture according to any one of Claims 1 to 12 wherein foam-suppressing components and defoamers are used as additional additives.
- 14. Use of a mixture according to any one of Claims 1 to 13 to pretreat textiles.
 - 15. Process for pretreating textiles which comprises steps of
 - setting a liquor ratio of 5:1 to 20:1, preferably 8:1 to 10:1,
- heating the treatment bath to 25-60°C, preferably to 30-50°C,
 - adding 0.5-8 ml/l, preferably 1-4 ml/l of a mixture in accordance with Claim 1,
 - adding 1-20 ml/l, preferably 2-3 ml/l of hydrogen peroxide 50%,
 - adding 1-10 ml/l, preferably 1.5-3.5 ml/l of aqueous sodium hydroxide solution 50%,
 - further heating the treatment bath to 8-130°C, preferably to 95-100°C,
 - holding this temperature for 15-90 minutes, preferably for 40-50 minutes,
 - cooling and dropping the bath,
 - optionally hot rinsing at 50-100°C, preferably at 70-90°C,
- 20 optionally cold rinsing and dropping the bath.
 - 16. Process for cellulosic or cellulosic-synthetic fibre blend pretreatment comprising steps of
 - providing a vessel;
- providing a cellulosic or cellulosic-synthetic fibre blend substrate;
 - providing a water bath;
 - adding an aqueous mixture according to Claim 1,
 - optionally adding an active amount of an activating compound selected from the group consisting of salts of organic acids, organic amine derivatives, transition metal salts or transition metal complexes,
 - adding an active amount of caustic soda to obtain a starting bath having an alkaline pH;
 - adding an active amount of hydrogen peroxide;

- heating the water bath to a temperature of 80-130°C during a time period;
- optionally cold or warm rinsing,
- optionally adding catalase.
- 5 17. Process according to Claim 16, wherein
 - the aqueous mixture is added in a concentration of 0.5-4 g/l.